

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2009-____

FOR
GEORGE REED, INC.
MUNN & PERKINS AGGREGATE PROCESSING FACILITY
SAN JOAQUIN COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring industrial wastewater. This MRP is issued pursuant to Water Code Section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Executive Officer.

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The time, date, and location of each grab sample shall be recorded on the sample chain of custody form. Field test instruments (such as those used to measure pH and dissolved oxygen) may be used provided that:

1. The operator is trained in proper use and maintenance of the instruments;
2. The instruments are calibrated prior to each monitoring event;
3. The instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports are submitted as described in the "Reporting" section of the MRP.

EFFLUENT MONITORING

Wastewater effluent samples shall be collected at the inlet to the first settling pond. Grab samples are considered adequately composited to represent the effluent. Monitoring for individual parameters is required based on the site activities. Sample locations shall be established as necessary to determine effluent quality at all potential source areas. At a minimum, the Discharger shall monitor the effluent wastewater as follows:

<u>Constituent/Parameter</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Flow	gpd	Meter	Daily	Quarterly

POND MONITORING

Each storm water and process water pond shall be inspected weekly and monitored as follows:

<u>Constituent/Parameter</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Freeboard	0.1 Feet	Measurement	Weekly	Quarterly
Berm Condition	Observation	Observation	Weekly	Quarterly

<u>Constituent/Parameter</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Electrical Conductivity	umhos/cm	Grab	Monthly	Quarterly
Fixed Dissolved Solids	mg/l	Grab	Quarterly	Quarterly
pH	Std. Units	Grab	Quarterly	Quarterly

REPORTING

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, pond, etc.), and reported analytical result for each sample are readily discernible. The data shall be summarized in such a manner to clearly illustrate compliance with waste discharge requirements and spatial or temporal trends, as applicable. The results of any monitoring done more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported in the next scheduled monitoring report.

A. Quarterly Monitoring Reports

Quarterly reports shall be submitted to the Regional Board on the **1st day of the second month after the quarter** (i.e. the January-March quarter is due by 1 May) each year. At a minimum, the reports shall include:

1. Results of the effluent and pond monitoring.
2. A comparison of monitoring data to the discharge specifications and an explanation of any violation of those requirements. Data shall be presented in tabular format.
3. If requested by staff, copies of laboratory analytical report(s).
4. A discussion of all the condition of the process water ponds storage capacity and any changes made to the pond system.
5. Disposal of septage or other solid waste disposal.
6. A calibration log verifying calibration of all monitoring instruments and devices used to comply with the prescribed monitoring program.

B. Annual Monitoring Reports

An Annual Report shall be prepared as the December monthly monitoring report. The Annual Report shall include all monitoring data required in the monthly schedule. The Annual Report shall be submitted to the Regional Board by **1 February** each year. In addition to the data normally presented, the Annual Report shall include the following:

1. Tabular summaries of all data collected during the year;
2. A forecast of the flows anticipated in the next year;
3. A discussion of compliance and the corrective actions taken, as well as any planned or

proposed actions needed to bring the discharge into full compliance with the waste discharge requirements;

4. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program;
5. An evaluation of the wastewater pond storage capacity. The evaluation shall address the wastewater storage pond system capacity. If inadequate capacity exists to store and dispose of wastewater, the evaluation shall present what changes are necessary to provide adequate capacity and a schedule to implement the improvements.

A transmittal letter shall accompany each self-monitoring report. The letter shall discuss any violations during the reporting period and all actions taken or planned for correcting violations, such as operation or facility modifications. If the Discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain a statement by the Discharger or the Discharger's authorized agent, under penalty of perjury, that to the best of the signer's knowledge the report is true, accurate, and complete.

The Discharger shall implement the above monitoring program as of the date of this Order.

PAMELA C. CREEDON, Executive Officer

(Date)

TRO: 2/27/09